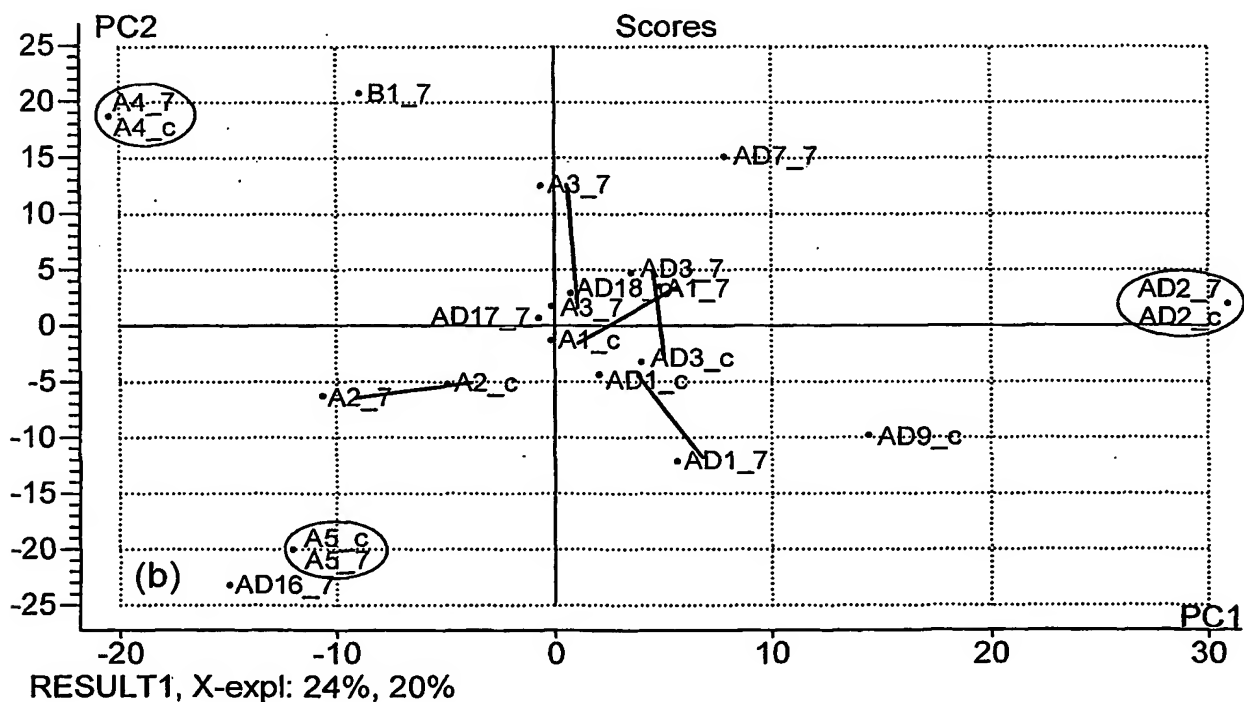
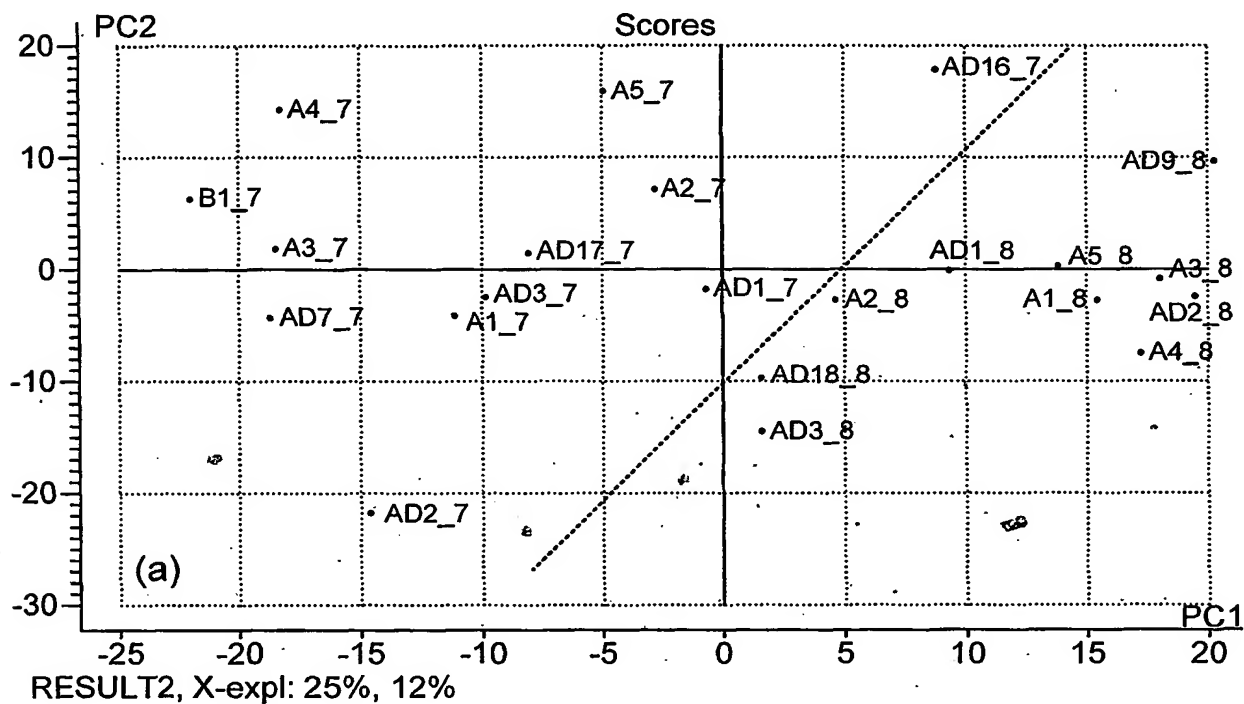


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**FIG. 1**

Effect of Direct Standardization (DS) on the Alzheimer  
Data measured in two different series of experiments



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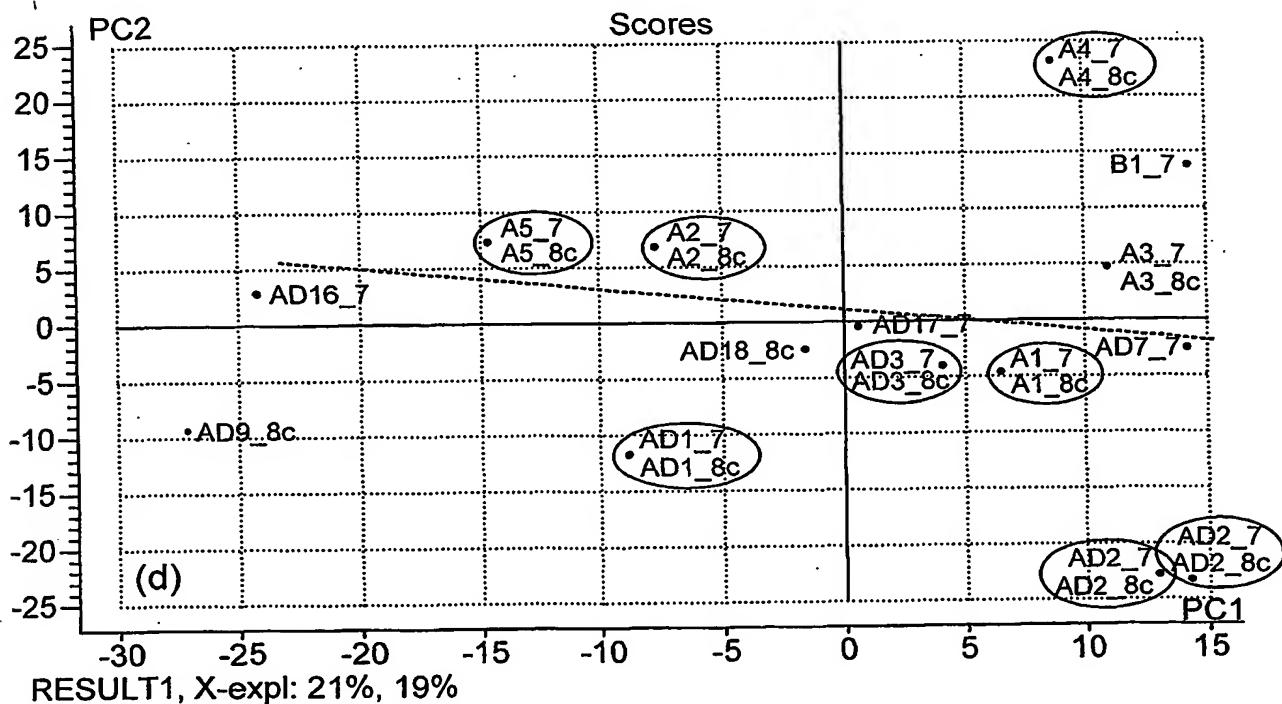
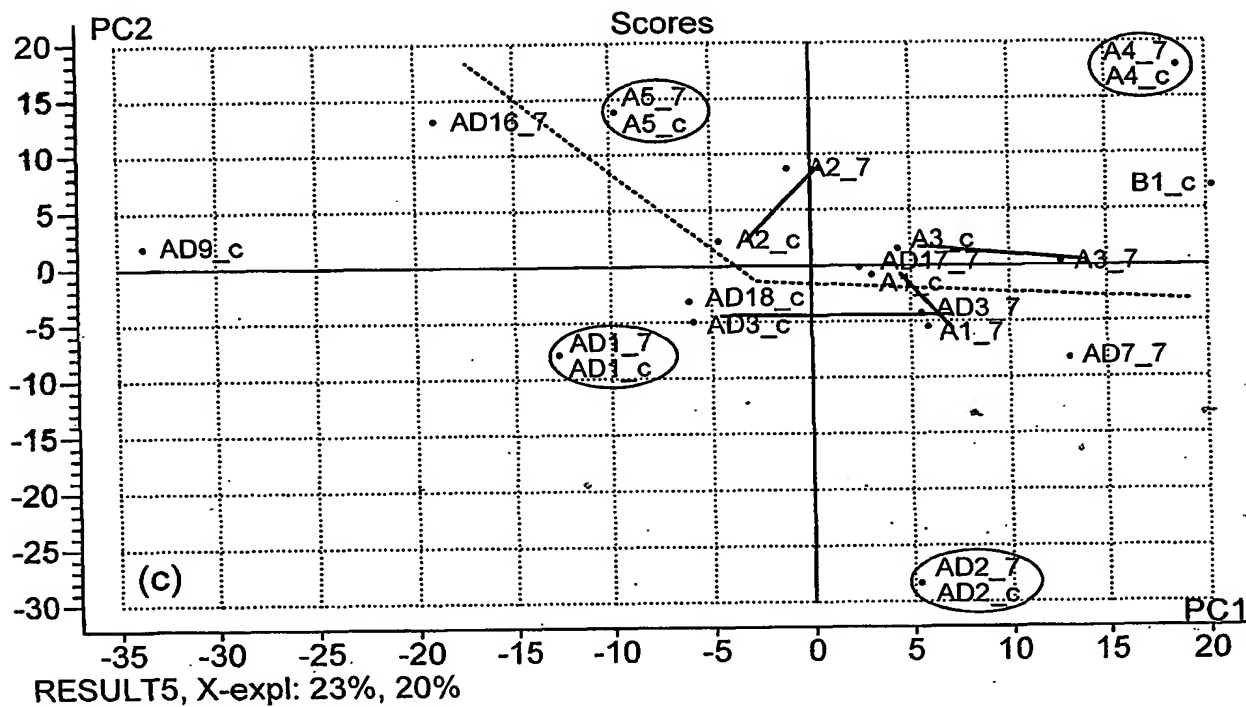
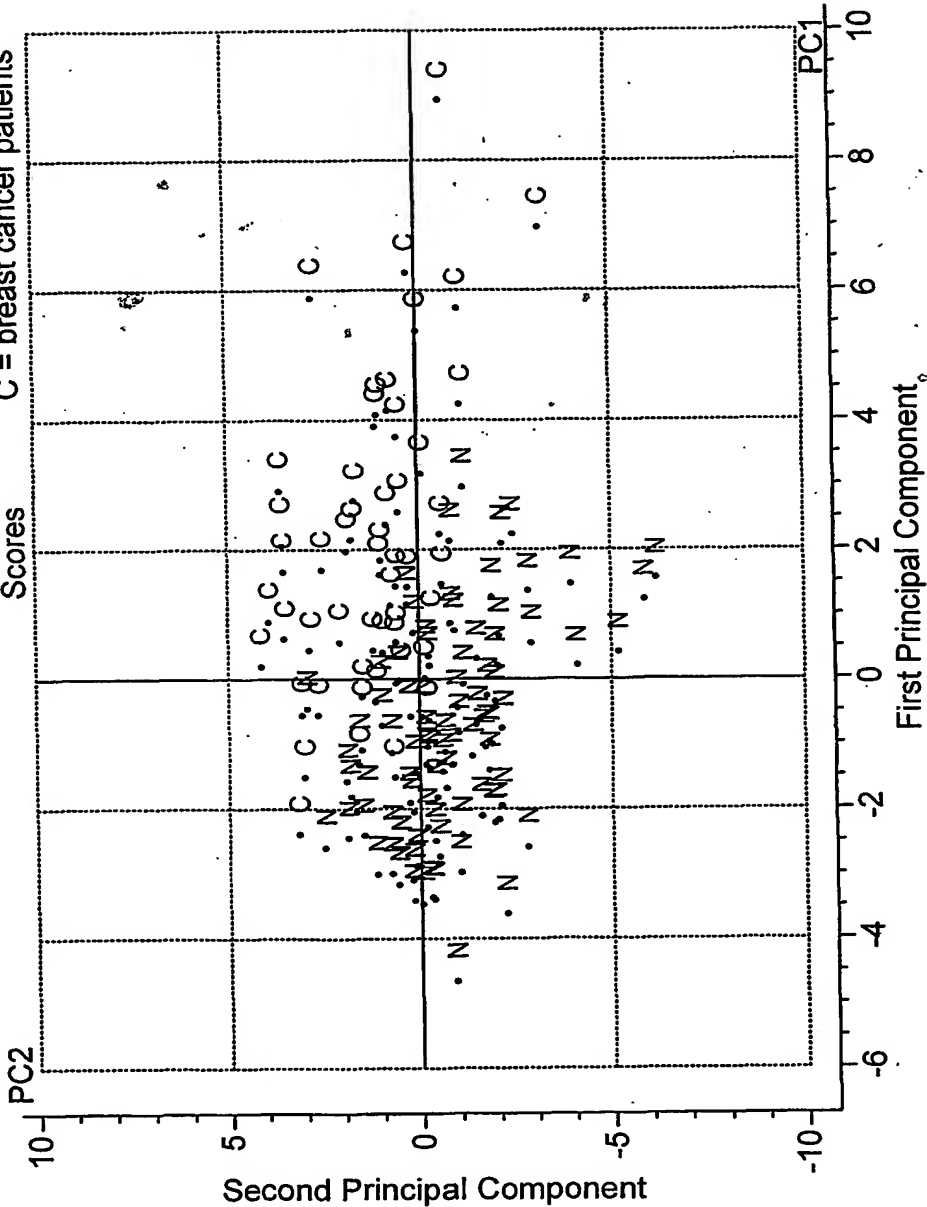
FIG. 1<sub>CONT'D</sub>

FIG. 2

Projection of normal (including benign) and breast cancer samples onto a classification model generated by PLSR-DA using the data of 44 informative genes

PC = Principal Components  
N = normal  
C = breast cancer patients



**FIG. 3**

Projection of individuals with and without Alzheimer's disease onto a classification model generated by PLSR-DA using 182 informative genes.

PC = Principal Components  
 N = Non-Alzheimer's disease  
 A = Alzheimer's disease

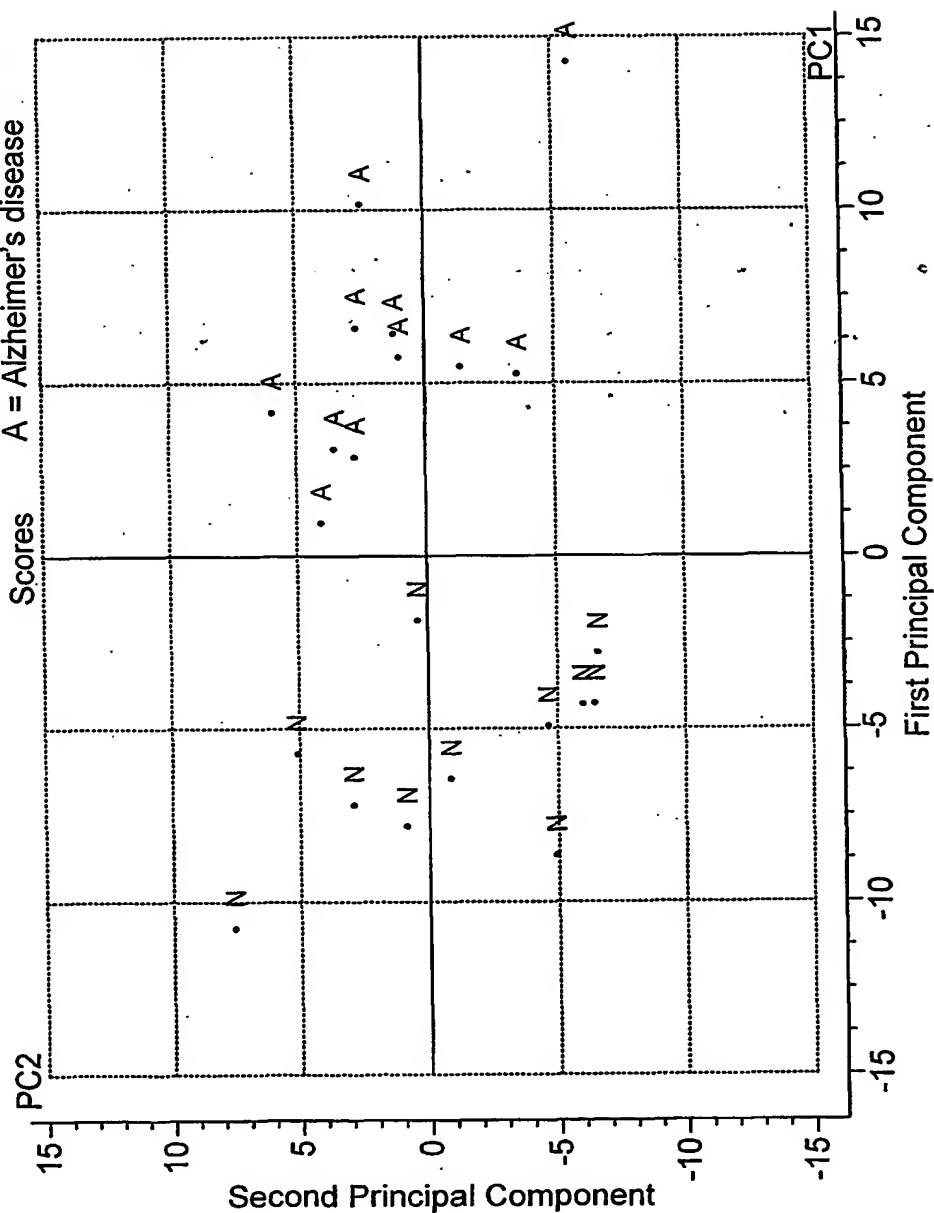
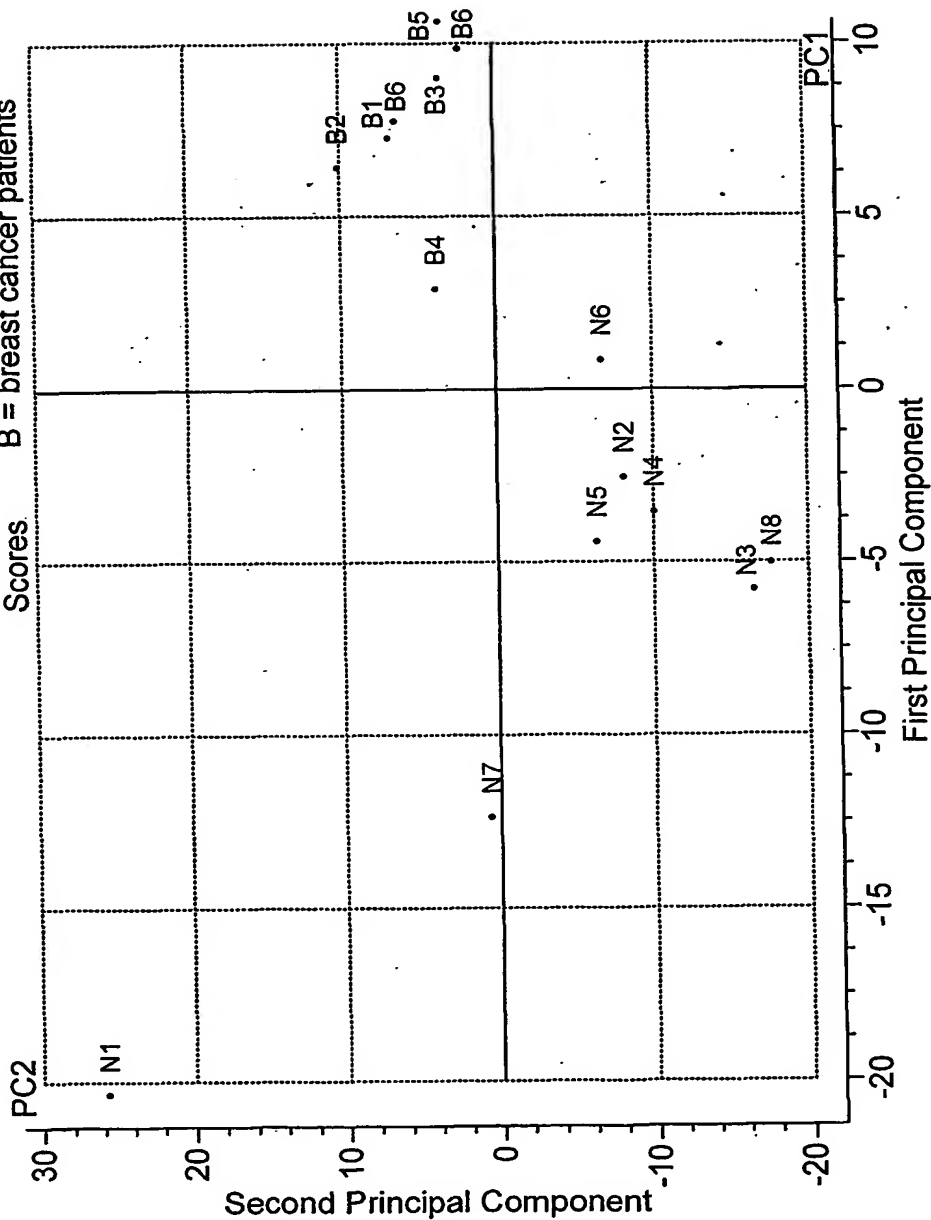


FIG. 4

Projection of normal (women with suspected mammogram but no breast cancer) and breast cancer samples onto a classification model generated by PLSR-DA using the data of 719 cDNAs

PC = Principal Components  
N = normal  
B = breast cancer patients



# FIG. 5

Prediction of normal (women with suspected mammogram but no breast cancer) and breast cancer samples based on 3 principal components using the data of 719 cDNAs

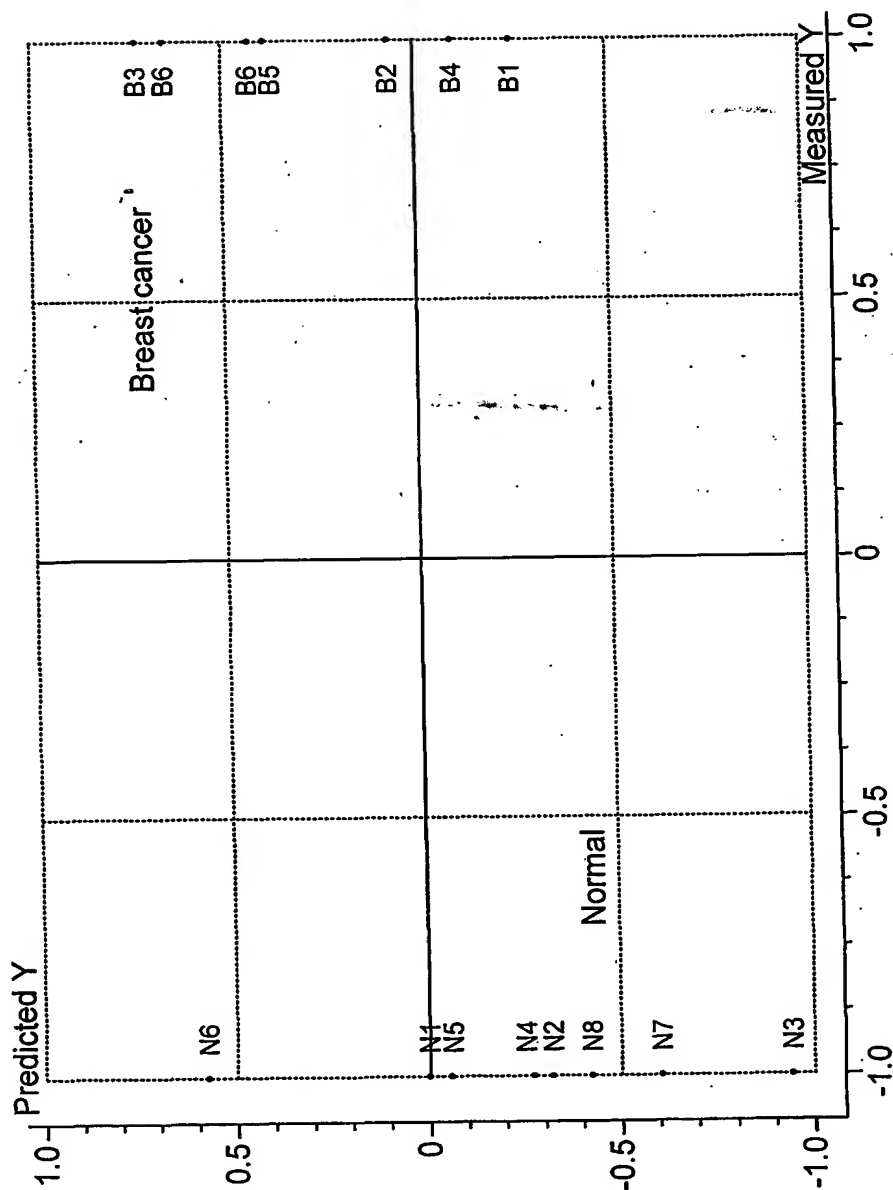


FIG. 6

Projection of normal (women with suspected mammogram but no breast cancer) and breast cancer samples onto a classification model generated by PLSR-DA using the data of 111 cDNAs already on file

PC = Principal Components  
N = normal  
B = breast cancer patients

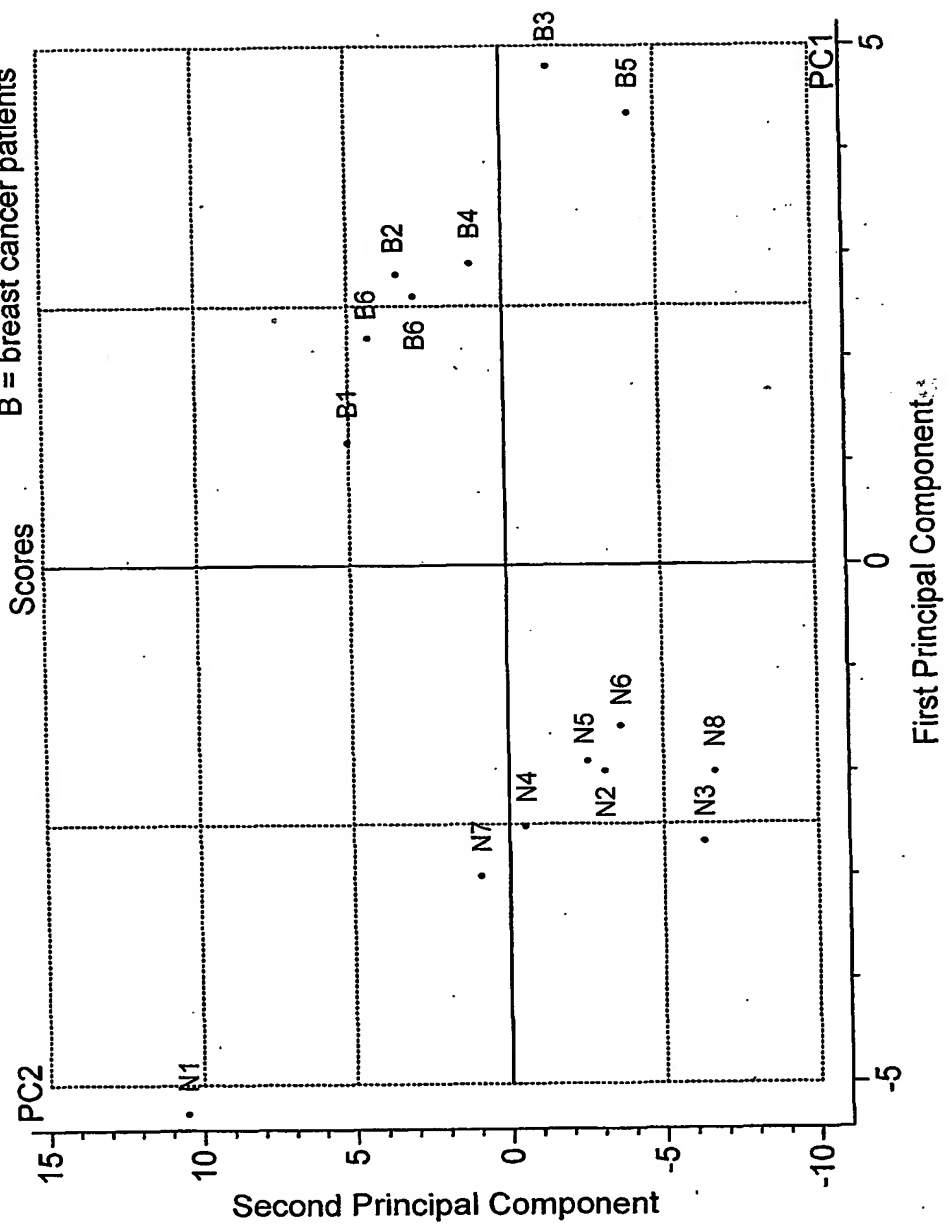


FIG. 7

Prediction of normal (women with suspected mammogram but no breast cancer) and breast cancer samples based on 4 principal components using the data of 111 cDNAs already on file

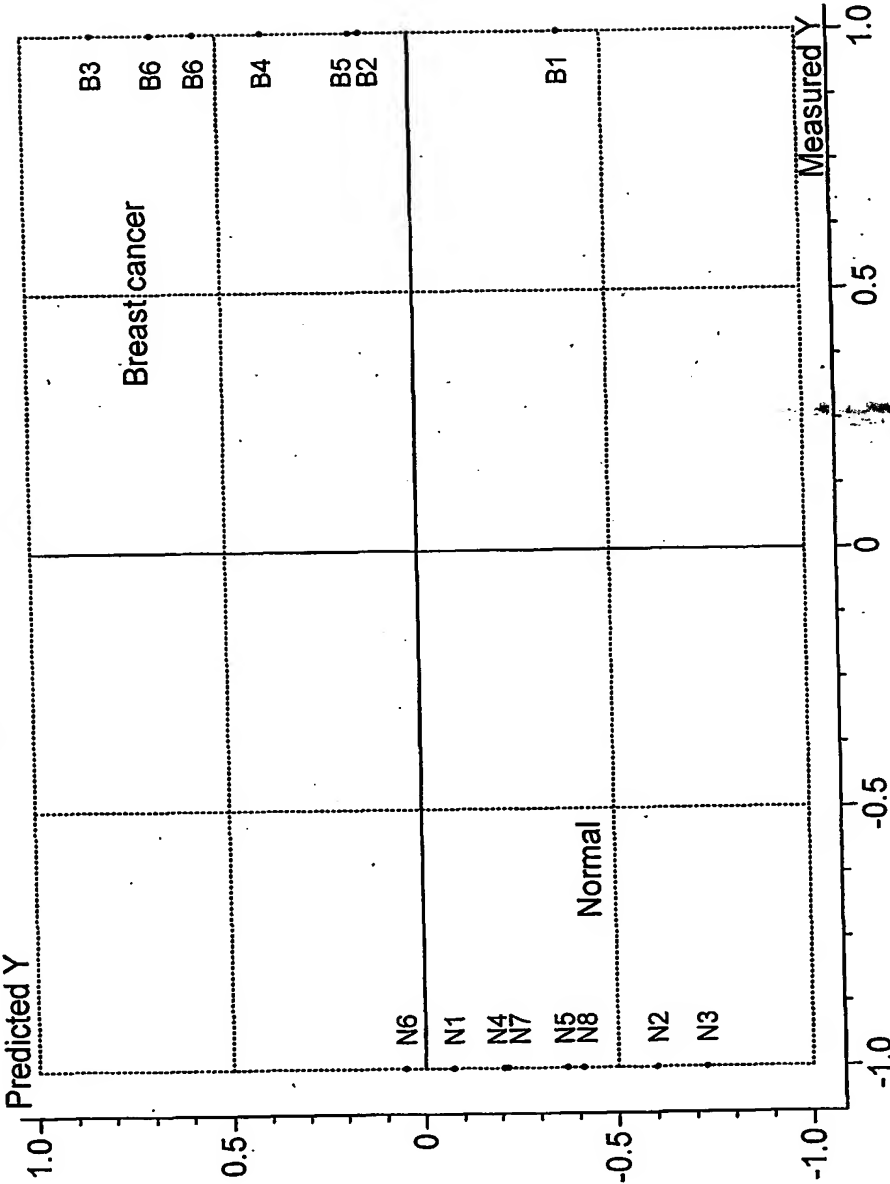




FIG. 8

Projection of normal (women with suspected mammogram but no breast cancer) and breast cancer samples onto a classification model generated by PLSR-DA using the data of 345 sequenced cDNAs for breast cancer

PC = Principal Components  
N = normal  
B = breast cancer patients

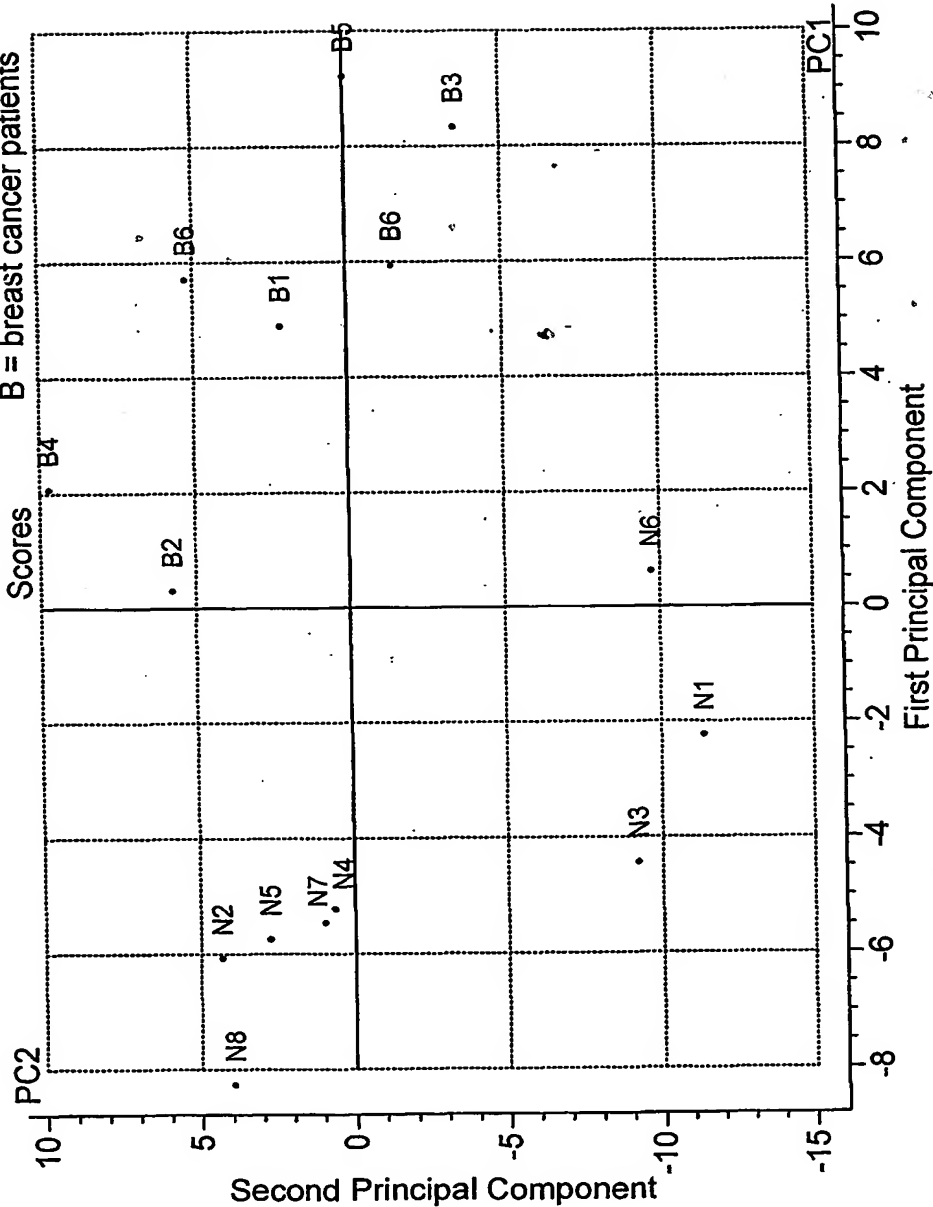


FIG. 9

Prediction of normal (women with suspected mammogram but no breast cancer) and breast cancer samples based on 3 principal components using the data of 345 sequenced cDNAs

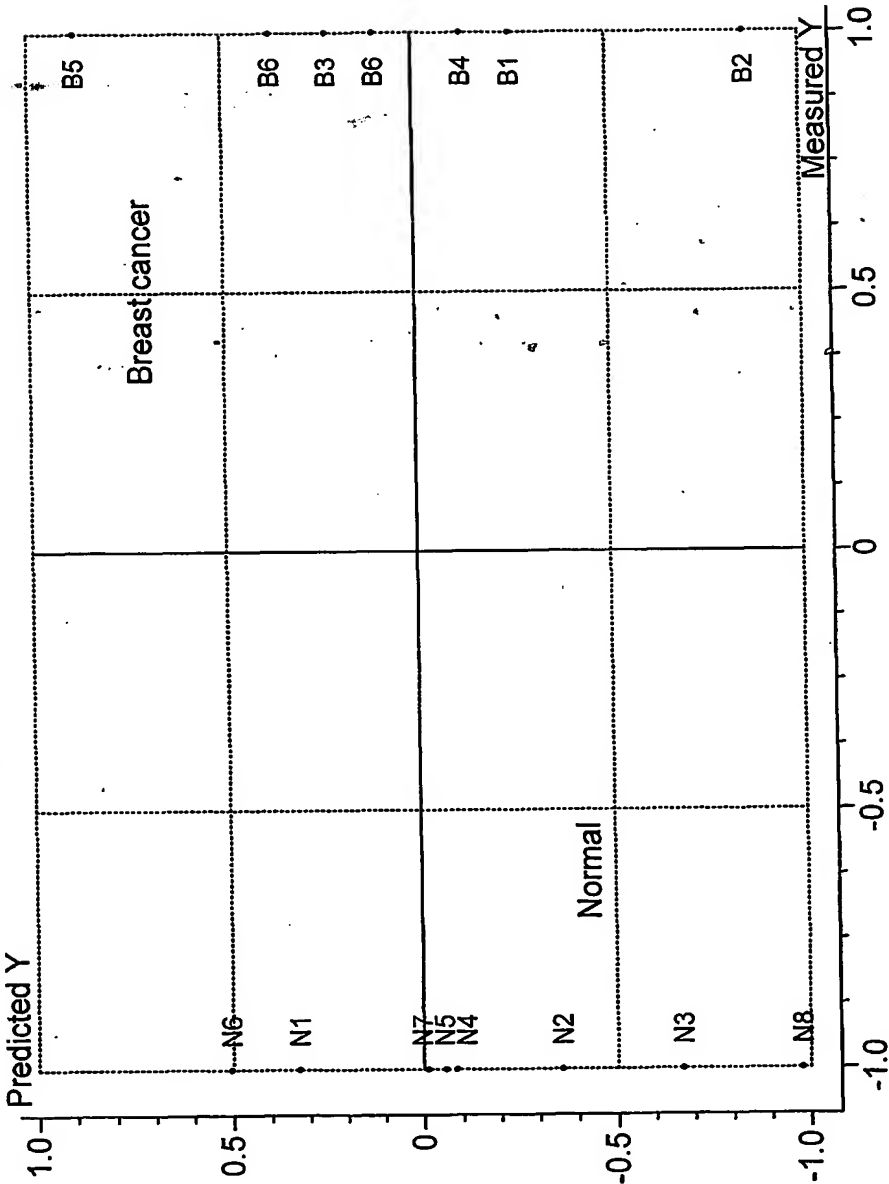
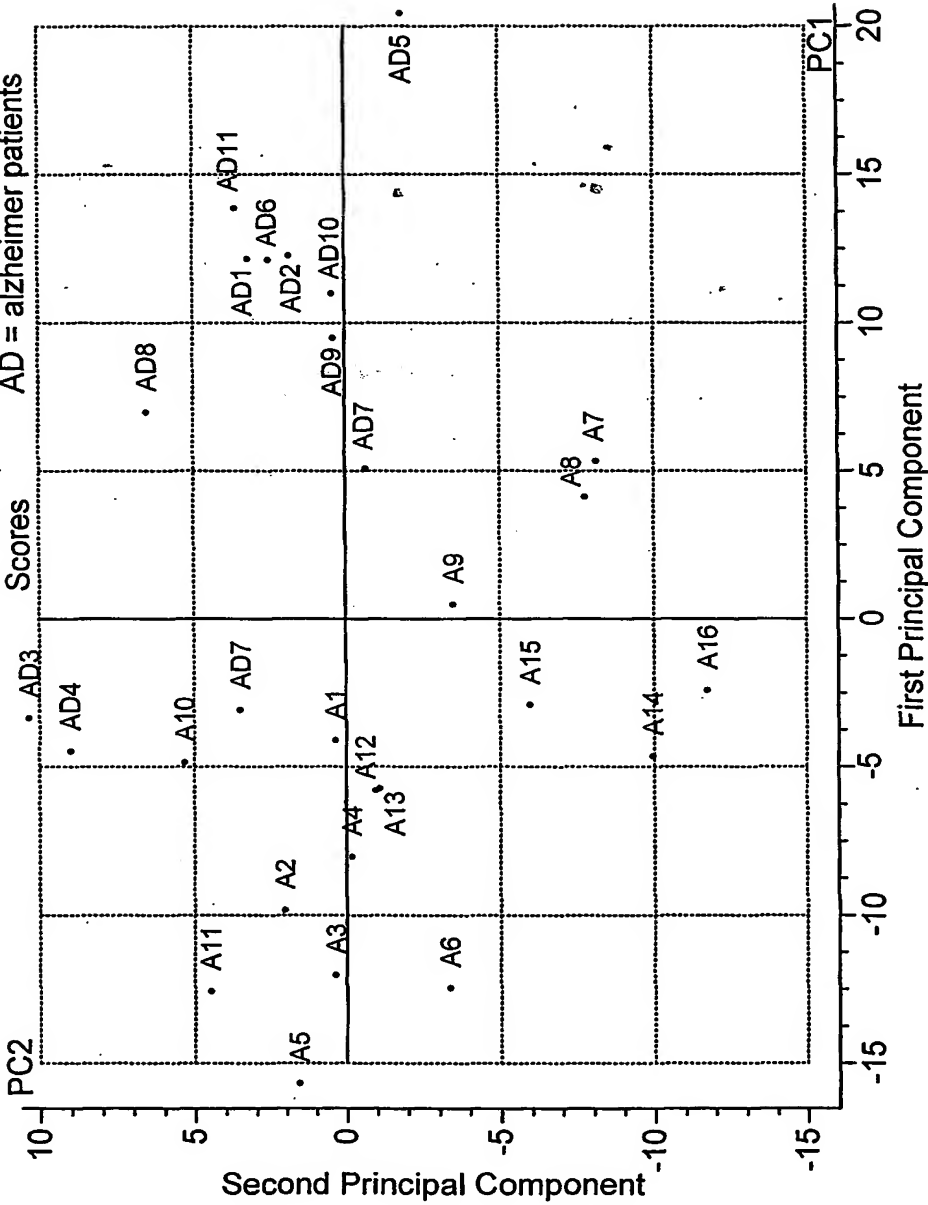


FIG. 10

Projection of non-alzheimer and alzheimer samples onto a classification model generated by PLSR-DA using the data of 520 sequenced cDNAs

PC = Principal Components  
A= non-alzheimer  
AD = alzheimer patients



**FIG. 11**  
Prediction of non-alzheimer and alzheimer samples based on 4  
principal components using the data of sequenced cDNAs

